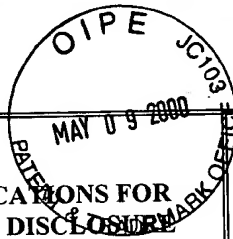


FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
22091-701 CON1SERIAL NO.  
09/478,299

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT(S)' INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

APPLICANT  
John L. SchenkFILING DATE  
January 5, 2000GROUP ART UNIT  
~~1648~~ 1651

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
<i>[initials]</i>	A1	4,267,268	May 12, 1981	Nelson, Jr.	435	2	
	A2	4,980,277	December 25, 1990	Junnila	435	2	
	A3	5,135,759	August 4, 1992	Johnson	424	561	
	A4	5,514,537	May 7, 1996	Chandler	435	2	

## FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATION	
							yes	no
<i>[initials]</i>	B1	WO 99/33956	July 8, 1999	PCT				

## OTHER ART (Include Author, Title, Date, Pertinent Pages, etc.)

<i>[initials]</i>	C1	Amann, Rupert P.; "Cryopreservation of Sperm," <i>Encyclopedia of Reproduction</i> , 1:733-783 (1999).
	C2	Arriola, J. and Foote, R. H.; "Glycerolation and Thawing Effects on Bull Spermatozoa Frozen in Detergent-Treated Egg Yolk and Whole Egg Extenders," <i>J Dairy Sci</i> , 70:1664-1670 (1987).
	C3	Behrman, S. J. and Ackerman, D. R.; "Freeze Preservation of Human Sperm," <i>Am. J. Obstet. and Gynec.</i> , 103:5:654-664 (1969).
	C4	Foote, R. H., "Buffers and Extenders: What Do They Do? Why Are They Important?" <i>Proc of the 10th NAAB Tech. Conf. on Artificial Insemination and Reproduction</i> , 62-70 (1984).
	C5	Graham, J. K. and Hammerstedt, R. H.; "Differential Effects of Butylated Hydroxytoluene Analogs on Bull Sperm Subjected to Cold-Induced Membrane Stress," <i>Cryobiology</i> , 29:106-117 (1992).
	C6	Hammerstedt, et al, "Cryopreservation of Mammalian Sperm: What We Ask Them to Survive," <i>Journal of Andrology</i> , 11:1:73-88 (1990).
	C7	Maxwell, W. M. C. and Johnson, L. A.; "Chlortetracycline Analysis of Boar Spermatozoa After Incubation, Flow Cytometric Sorting, Cooling, or Cryopreservation," <i>Molecular Reproduction and Development</i> , 46:408-418 (1997).
	C8	Polge, et al, "Revival of Spermatozoa After Vitrification and Dehydration at Low Temperatures," <i>Nature</i> , 164:666 (1949).

EXAMINER

DATE CONSIDERED

12/8/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant(s).



Serial Number: 09/478,299

**OTHER ART (Include Author, Title, Date, Pertinent Pages, etc.) [CONTINUED]**

<input checked="" type="checkbox"/>	C9	Pursel, et al, "Effect of Orvus ES Paste on Acrosome Morphology, Motility and Fertilizing Capacity of Frozen-Thawed Boar Sperm," <i>Journal of Animal Science</i> , 47:1:198-202 (1978).
<input checked="" type="checkbox"/>	C10	Salisbury, et al, <i>Physiology of Reproduction and Artificial Insemination of Cattle</i> , 2nd Ed., San Francisco: W. H. Freeman, 442-554 (1978).
<input checked="" type="checkbox"/>	C11	Schenk, et al, "Cryopreservation of Flow-Sorted Bovine Spermatozoa," <i>Theriogenology</i> , 52:1375-1391 (1999).
<input checked="" type="checkbox"/>	C12	Seidel, et al, "Insemination of Heifers with Sexed Sperm," <i>Theriogenology</i> , 52:1407-1420 (1999).
<input checked="" type="checkbox"/>	C13	Watson, "Recent Developments and Concepts in the Cryopreservation of Spermatozoa and the Assessment of Their Post-Thawing Function," <i>Reprod. Fertil. Dev.</i> , 7:871-891 (1995).

EXAMINER

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